

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/010146

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61K35/28 A61P9/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, BIOSIS, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>TANG Y L ET AL: "Autologous mesenchymal stem cell transplantation induce VEGF and neovascularization in ischemic myocardium" REGULATORY PEPTIDES 15 JAN 2004 NETHERLANDS, vol. 117, no. 1, 15 January 2004 (2004-01-15), pages 3-10, XP002333008 ISSN: 0167-0115 page 3, right-hand column page 6, left-hand column, paragraph 3 - right-hand column, paragraph 2 page 9, left-hand column, paragraph 3 - right-hand column, paragraph 1</p> <p style="text-align: center;">----- -/-</p>	<p>1-7,9, 10, 13-16, 18,19</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* inter document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

12 July 2005

Date of mailing of the international search report

26/07/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Escolar Blasco, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WALTERS DARREN L ET AL: "Acute coronary syndrome is a common clinical presentation of in-stent restenosis" AMERICAN JOURNAL OF CARDIOLOGY, vol. 89, no. 5, 1 March 2002 (2002-03-01), pages 491-494, XP002333023 ISSN: 0002-9149 abstract	1-21
X	WO 00/06701 A (GENZYME CORPORATION) 10 February 2000 (2000-02-10) page 26, lines 10-20 page 21, lines 8-15; claims 1-11	1-5, 9-12
A	WO 03/073998 A (BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM; STUDBENY, MATUS; ANDR) 12 September 2003 (2003-09-12) page 44, line 7	1-21
A	WERNER NIKOS ET AL: "Intravenous transfusion of endothelial progenitor cells reduces neointima formation after vascular injury." CIRCULATION RESEARCH. 25 JUL 2003, vol. 93, no. 2, 25 July 2003 (2003-07-25), pages e17-e24, XP002333009 ISSN: 1524-4571 page 22, right-hand column, paragraph 2	1-14

## INTERNATIONAL SEARCH REPORT

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### Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
Claims 1-21: Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2005/010146

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0006701	A	10-02-2000	AU 5545499 A	21-02-2000
			BR 9912662 A	05-06-2001
			CA 2339182 A1	10-02-2000
			EP 1100870 A1	23-05-2001
			JP 2002521493 T	16-07-2002
			WO 0006701 A1	10-02-2000
			US 2005031600 A1	10-02-2005
WO 03073998	A	12-09-2003	AU 2003213666 A1	16-09-2003
			CA 2477411 A1	12-09-2003
			EP 1487463 A2	22-12-2004
			WO 03073998 A2	12-09-2003
			US 2004076622 A1	22-04-2004